

Title:

Field of Application Report for
Moralt Laminasse Firesmoke &
Firesafe 44/54mm Doorsets

For:

30 Minutes Fire Resistance

Report No:

Chilt/A13058 Revision D

WF Contract:

421102

Valid From:

11th December 2019

Valid Until:

11th December 2024

Prepared for:

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83734 Hausham
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14 Intumescent Materials

The intumescent materials tested and assessed for this doorset design are as follows.

Application	Location	Product/Manufacturer
Edge seals	Fitted in the frame jambs or leaf edges note 2	<ol style="list-style-type: none"> 1. PVC encased Therm-A-Seal/Therm-A-Blade – Intumescent Seals Ltd 2. PVC encased Rigid Box Seal FO8700–Pyroplex Ltd 3. PVC encased Type 617 – Lorient Polyproducts Ltd³
Hinges	Not required unless leaves are over 2500mm high	<ol style="list-style-type: none"> 1. 1mm Interdens – Dufaylite Developments Ltd
Lock/latches	Under forend & keep if the forend or keep exceeds 150mm up to the maximum assessed dimension	<ol style="list-style-type: none"> 2. 1mm MAP paper – Lorient Polyproducts Ltd 3. 1mm Pyrostrip 300 – Mann McGowan 4. 1mm Therm-A-Strip – Intumescent Seals Ltd 5. G30 – Intumescent Seals Ltd
	Under forend and keep for all doorsets in aluminium frames	1mm MAP paper – Lorient Polyproducts Ltd
Top pivots & flush bolts	Lining all sides of the mortices	<ol style="list-style-type: none"> 1. 2 mm Interdens – Dufaylite Developments Ltd 2. 2 mm MAP paper – Lorient Polyproducts Ltd 3. 2 mm Pyrostrip 300 – Mann McGowan 4. 2 mm Therm-A-Strip – Intumescent Seals Ltd 5. 2 mm Therm-A-Flex – Intumescent Seals Ltd
Concealed closer	Lining all sides of the closer and slide arm mortices	Manufacturers tested intumescent protection pack
Concealed hinges	Lining all sides of mortice in frame and leaf	1mm BASF exterdens Graphite TE 527 3D intumescent pack
Multipoint locking	Lining mortices of lock/latch and top and bottom locks all keeps	1mm thick BASF interdens kit

Notes:

1. The seal specification for each configuration is contained in appendix C
2. When multipoint locking systems are used, the edge seals must go in the frame reveals
3. Type 67 edge seals may only be used with Aluminium door frames (see appendix D) or when the leaves are encapsulated, as described in section 12.4.